Version Explanation for 100443/CON-7013 BMSC
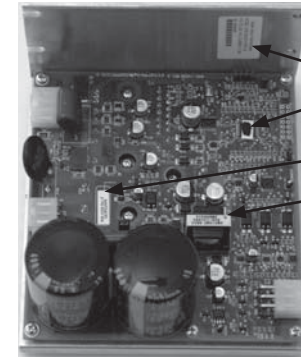
100443 – Obsolete

➢ First generation motor controller

➢ Known Issues: None

➢ If BMSC Fails:
   1. Replace with CON-7013.C
   2. Upgrade Software:
      - HhB - HHB-8144-X Rev. E or greater
      - HhB2 - HHB-8243-X Rev. C or greater
      - All other ovens: no software upgrade required

How to Identify

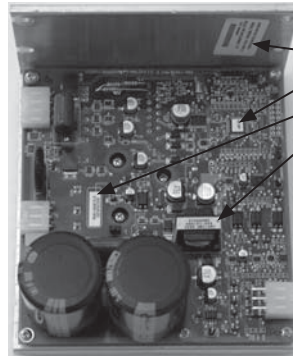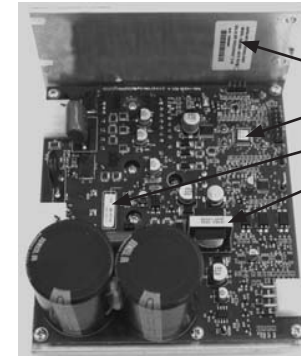Transformer: Type A

CON-7013 Rev. A – Obsolete

➢ Second generation motor controller

➢ Known Issues:
   • "F1" faults occur at startup and while cooking at 100%

➢ If BMSC Fails:
   1. Replace with CON-7013.C
   2. Upgrade Software:
      - HhB - HHB-8144-X Rev. E or greater
      - HhB2 - HHB-8243-X Rev. C or greater
      - All other ovens: no software upgrade required

How to Identify

Supplier Revision: A
Software Version: 01.01
PCB Revision: D or E
Transformer: Type B

CON-7013 Rev. B v1– Obsolete

➢ Second generation motor controller

➢ Known Issues:
   • Better performance, but same issues as CON-7013 Rev. A

➢ If BMSC Fails:
   1. Replace with CON-7013.C
   2. Upgrade Software:
      - HhB - HHB-8144-X Rev. E or greater
      - HhB2 - HHB-8243-X Rev. C or greater
      - All other ovens: no software upgrade required

How to Identify

Supplier Revision: B
Software Version: 01.01
PCB Revision: F (Handwritten)
Transformer: Type B

CON-7013 Rev. B v2 – Obsolete

➢ Second generation motor controller

➢ Known Issues:
   • Good performance, but nuisance "F1" faults still occur

➢ If BMSC Fails (HhB or HhB2):
   • Upgrade Software:
      - HhB - HHB-8144-X Rev. E or greater
      - HhB2 - HHB-8243-X Rev. C or greater

➢ If BMSC Fails (all other ovens):
   • Replace with CON-7013.C

How to Identify

Supplier Revision: B
Software Version: Marked Out
PCB Revision: E
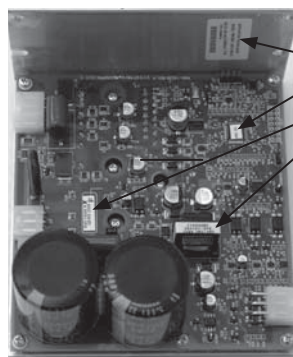Transformer: Type B

CON-7013 Rev. C – Active
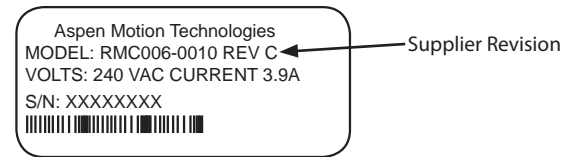
➢ Second generation motor controller

➢ Known Issues: None

How to Identify

Supplier Revision: C
Software Version: 1.50
PCB Revision: J
Transformer: Type B
(vendor 1: "XFMRS")
(vendor 2: "OBP/SMC")

Aspen Motion Technologies
MODEL: RMC006-0010 REV C ◄──── Supplier Revision
VOLTS: 240 VAC CURRENT 3.9A
S/N: XXXXXXXX

Supplier Revision Detail